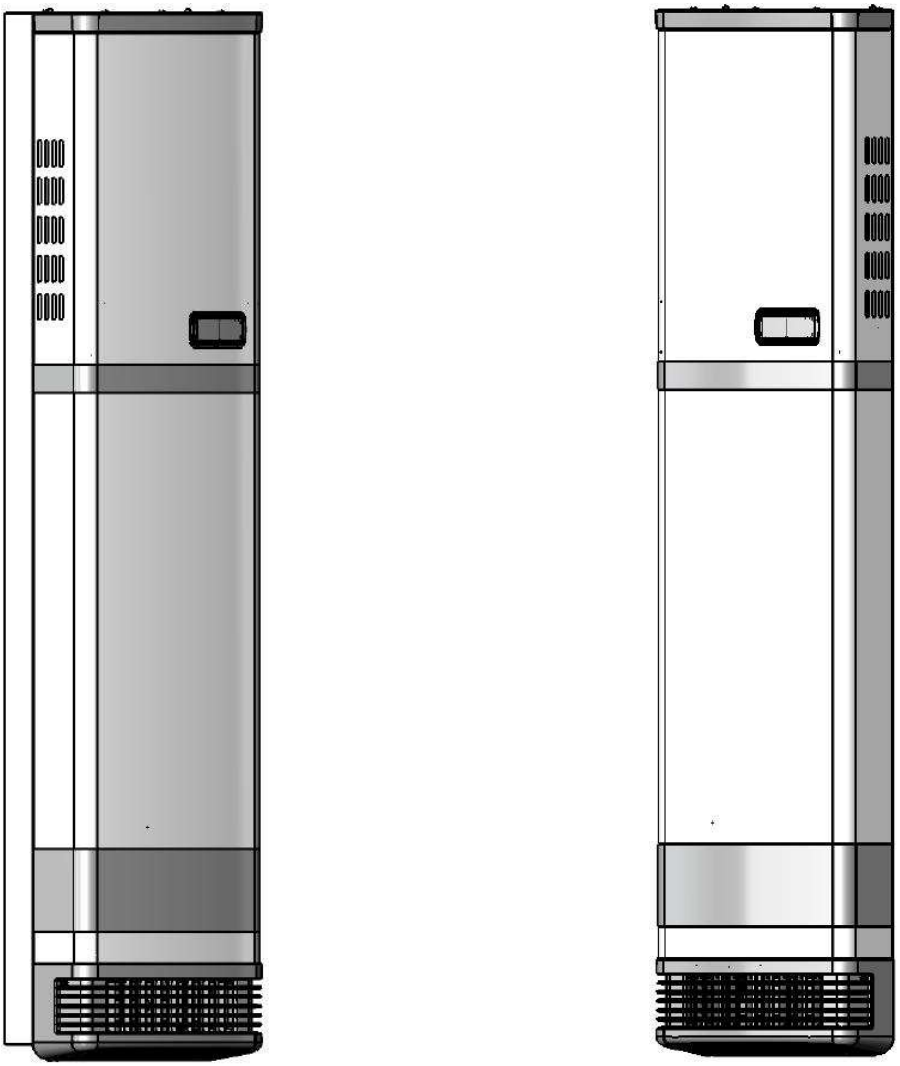
PYROX



Owner's Manual

5 Star Silhouette

4740001, 4740011

Please keep this important manual in a safe place. It is the owner's responsibility to ensure that regular maintenance is carried out on this Silhouette. Failure to do so will void all guarantees beyond statutory and legal requirements.

Table of Contents

PYROX

INTRODUCTION **3**

Safe Operation 3

UNIT OPERATION **4**

Start-Up Sequence *4*

Using the Controls 4

Turning the Unit ON or OFF *5*

Clock Setup *5*

Child Lock *5*

Error Codes *5*

Controlling the Unit *6*

WARRANTY **8**

Standard Warranty 8

PROOF OF PURCHASE 12

PERIODS OF WARRANTY 14

Text and Illustration Copyright Climate Technologies 2011

All rights reserved. No part of this document may be reproduced or transmitted in any form or by any means, electronic or mechanical, including photocopying, recording or by any information storage and retrieval system, without prior permission in writing from Climate Technologies

In the interest of continued product improvement Climate Technologies reserves the right to alter specifications without notice. E.&O.E.

Introduction

PYROX

Thank you for purchasing this Pyrox product. It has been designed to give you excellent service. Now it is installed, you are no doubt anxious to run it and enjoy the far-reaching warmth. Before you do, take a few minutes to read through this instruction booklet and discover how to get the very best from your heater. After you have read it, we suggest you store these instructions in a safe place for future reference. If you have any questions of problems relating to your new heater, do not hesitate to get in touch with your dealer / installer or your nearest Climate Technologies office.

The Australian designed and manufactured Pyrox 5 Star Gas Silhouette Wall Furnace has been thoroughly life tested and carries the Australian Standards gas and electrical approvals.

SAFE OPERATION

1. Ensure this unit has been installed by a qualified, licensed gas fitter and that the 240V power point has been installed by a qualified, licensed electrician.

2. It is essential to have any existing power point to which the appliance might be connected checked by a qualified electrician to ensure that the power point has the correct polarity and earthing.

3. Each Pyrox Gas heater is factory set to operate on a particular type of gas. **DO NOT** use any type of gas other than that specified on the appliance and packaging.

4. Clearances – See Fig 1.

4.1. DO NOT drape clothing, towels etc on or over the heater. Maintain a clearance of 3 metres in front of the heater.

4.2. DO NOT place articles on or against the Silhouette – at least 300 mm clearance

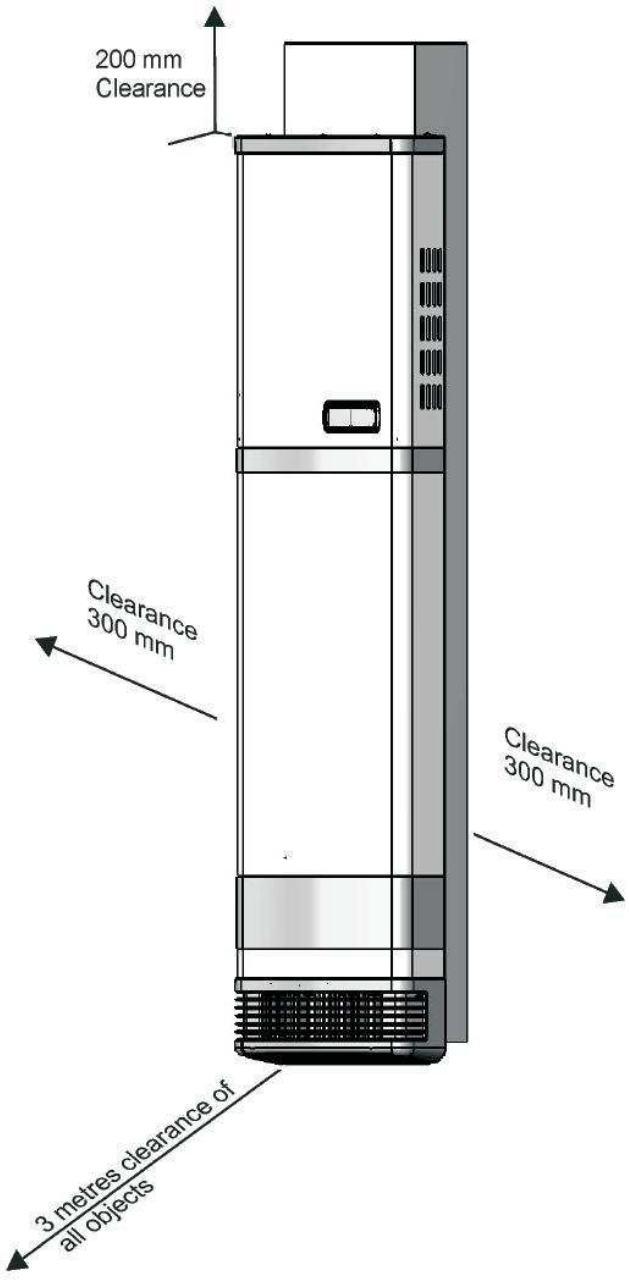
4.3. DO NOT cover the outlet louvres of the Silhouette.

4.4. DO NOT use or store flammable materials near the Silhouette

4.5. DO NOT store or spray aerosols in the vicinity of the Silhouette while it is operating.

4.6. DO NOT use an extension cord, power board or double adaptor with this appliance.

5. DO NOT MODIFY THIS APPLIANCE

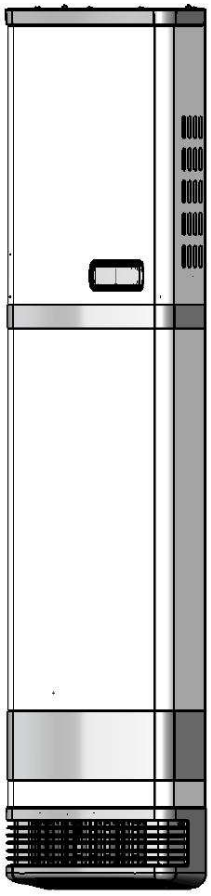


Operating the Unit

This appliance is not intended for use by young children or infirm persons unless they have been adequately supervised by a responsible person to ensure that they can use the appliance safely.

Young children should be supervised to ensure they do not play with the appliance.

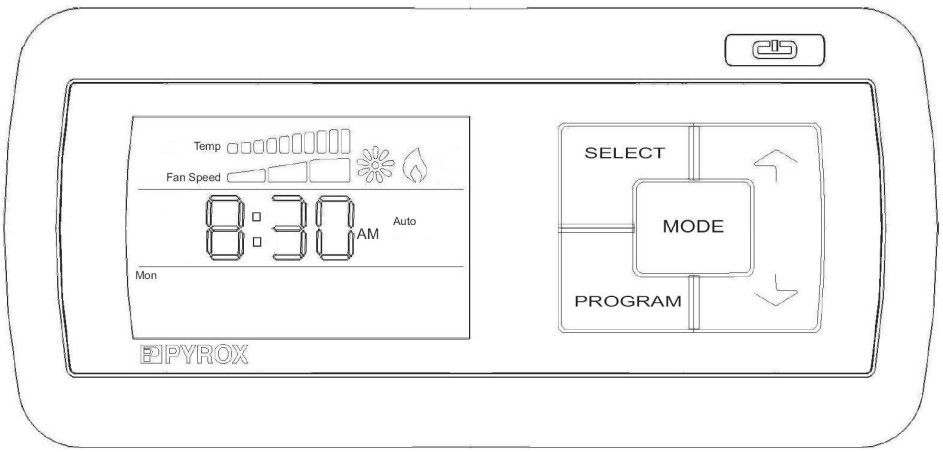
Start-Up Sequence



1. Before starting ensure the protective membrane has been removed from the control decal.
2. Press the ON / OFF button.
3. The heater will start in the Manual mode of operation. Within 10 seconds the gas valve will open and the sparker will function. Ignition will commence on a low gas rate.
4. Within 5 seconds of ignition the flame sensor will prove the flame.
5. Within 20 seconds the fan will operate on low fan speed.
6. The Gas Valve Level and Fan Speed can be adjusted to desired point.
7. Alternatively the heater can be set to Automatic mode.
    - The gas valve will now modulate according to the sensing of the room thermistor.
    - Once the heater has reached the set temperature, the flame will extinguish and the fan will continue to run for at least one minute.
    - Once the room temperature drops approximately 2^{o}C, the heating sequence will restart.

USING THE CONTROLS

The user interface consists of a display, a push button for turning the unit on and off and five touch buttons. The touch buttons are named SELECT, PROGRAM, MODE, UP and DOWN. There is also a buzzer that emits a short beep for valid user action and a longer beep for invalid user actions.



Operating the Unit

PYROX

Turning the Unit ON or OFF

Press and hold the on/off button for approximately one second.

Clock Setup

The clock can be changed by firstly touching the MODE button for approximately 3 seconds. The clock format screen will display.

If 24-hour clock format is desired, then touch either the UP or DOWN button.

To change the hours touch the SELECT button. The hours will flash. The hours are changed by touching either the UP or DOWN buttons. If the button is touched continuously the speed of change will increase. To change the minutes touch the SELECT button. The minutes will flash. The minutes are changed by touching either the UP or DOWN buttons. To change the day, touch the SELECT button. The day will flash. The days are changed by touching either the UP or DOWN buttons. Then touch the SELECT button to return to the previous state.

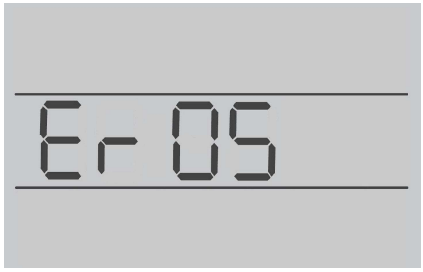
Time setup is now complete.

Child Lock

To engage the Child Lock touch the UP and DOWN together. When the child lock is engaged any button touches or pressing ON/OFF will be ignored and the Lock icon will display. To disengage touch the UP and DOWN together for 3 seconds.

Error Codes

When the unit malfunctions, the error code Er will be displayed. The unit can be reset by powering the unit OFF (2 seconds minimum) then ON. Should the malfunction persist, call Climate Technologies Service for assistance and advise the error code.



Operating the Unit

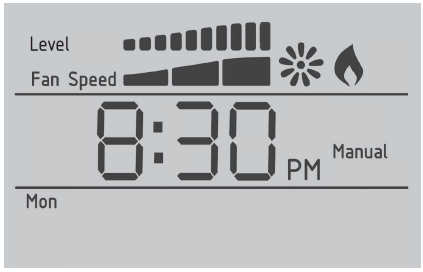
PYROX

Controlling the Unit

When the unit is in the on state, there are three modes of operation, Manual, Automatic and Programming.

The mode of operation is changed by briefly touching the mode button. The mode of operation will change from manual to automatic to program to manual.

- ***Manual Mode***
  In this mode the user directly selects the level of heat output and also the fan speed.

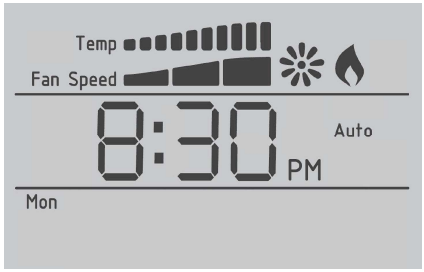
  

  If the level and fan speed bars are not flashing, the heating output can be changed by firstly touching the SELECT button. The temperature bars will flash. Then by touching either the UP or Down buttons the level of heat output can be changed.

  If the temperature bars are flashing, the fan speed can be changed by firstly touching the SELECT button. The fan speed bars will flash. Then by touchng either the UP or DOWN buttons the fan speed can be changed to low, medium or high.

  In this mode the unit will continue to operate and not shut off based on room temperature. Also, each hour the unit will momentally turn off to conduct safety checks and restart.

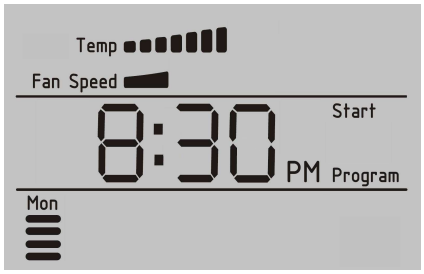
- ***Automatic Mode***
  In this mode the heater runs at an output level set by the user, aiming to reach the defined temperature set point. Once the point is reached the unit will cycle on and off to maintain the temperature.

  If the temperature and fan speed bars are not flashing, the temperature setpoint can be changed by firstly touching the SELECT button. The temperature bars will flash. Then by touching either the UP or DOWN buttons the temperature setpoint can be changed.

  If the temperature bars are flashing, the fan speed can be changed by firstly touching the SELECT button. The fan speed bars will flash. Then by touchng either the UP or DOWN buttons the fan speed can be changed to low, medium or high.

- ***Programming Mode***
  In the programming mode you can program the unit to come on and off either once or twice in any 24 hour period, any day of the week, weekdays, weekend or for the whole week. For each active period the start time should enter and whether the period is ON or OFF. ON period have set temperature and fan speed.

Operating the Unit

PYROX

Programming Sequence

1. Touch the program button. The display will show the day group. To change the day or day group (Single day, Week days, Weekend or Whole week) touch the UP/DOWN button to select the desired day group and touch the SELECT button to select.
2. The display will flash the period bar at bottom of the display. Touch the UP/DOWN button to change the program period and touch the SELECT button to select. (you can set 4 program periods in each day)
3. Now the display will flash the hour segment. Touch the UP/DOWN button to change the start hour and touch the SELECT button to set.

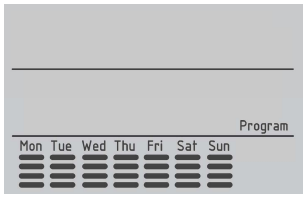
   NOTE: ***If you want to disable the period, set time to "--:--"***
4. The display will flash the minute segment. Touch the UP/DOWN button to change the start minutes and touch the SELECT button to set.
5. Now the temperature bar is flashing. Touch the UP/DOWN button to increase or decrease the temperature level and touch the SELECT button to set.

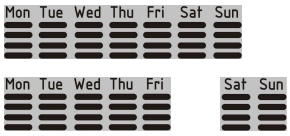
   NOTE: ***No temperature bar means OFF time.***
6. The display will flash the fan speed. Touch the UP/DOWN button to increase or decrease the fan speed and touch the SELECT button to set.

When you touch the SELECT button, the controller will display the main programming screen. To set another period, touch the SELECT button and follow the programming sequence from STEP 2.

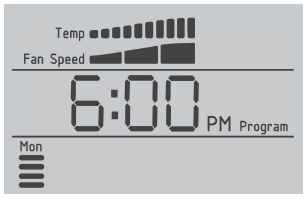
If the unit is running under Program mode, the user may temporarily override the programmed settings by changing the temperature or fan speed level. If the unit is running under Program mode, touch the SELECT button to select temperature level or fan speed level and then touch the UP/DOWN button to change. In this case, an "**Override**" icon will appear on the display.

1

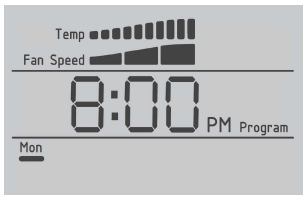




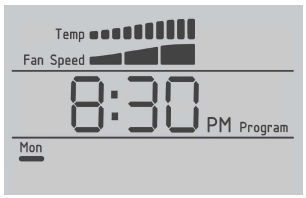
2



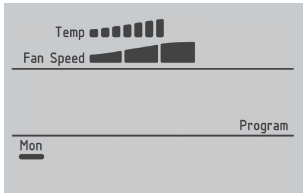
3



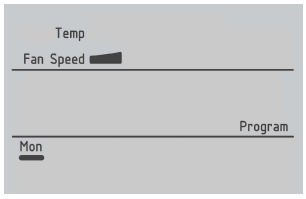
4

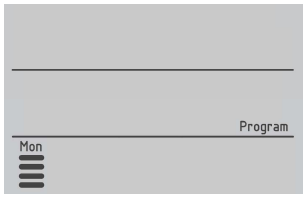


5



6





Warranty – Australia Only

PYROX

STANDARD WARRANTY

IMPORTANT:

The warranties contained in this document ("**the warranty**") are provided voluntarily by Climate Technologies (as manufacturer) to you (as consumer) in relation to your purchase of a product from Climate Technologies ("**the product**") and are in addition to any rights you may have under the Australian Consumer Law or other applicable legislation. Please read this warranty in full and complete the Dealer / Product information. KEEP this with your original purchase documents for any claim you may wish to make under this warranty.

WARRANTY PROCEDURES:

Firstly refer to your owner's manual to ensure that you have followed the correct operating procedures of your product, and refer to the trouble shooting guide to assist solving any problems you may have.

1. Read this warranty statement carefully before you request warranty service as items related to installation are not covered by this appliance warranty.

2. A proof of product purchase must be provided by you to Climate Technologies when exercising any rights under this or any statutory or other warranty, as evidence that the appliance is within the relevant manufacturer's warranty periods (which are outlined in the tables on pages 14 and 15).

3. This warranty is only for Climate Technologies products and associated original controls for Climate Technologies manufactured product.

4. Only an authorised Climate Technologies service provider may carry out a warranty service.

5. To the extent permitted by law, any statutory warranty that applies to goods sold by Climate Technologies is valid for 12 months from the date of purchase and any additional warranties provided to you are at the sole discretion of Climate Technologies.

Climate Technologies provides the following Manufacturers warranty on new products in addition to all implied warranties and other statutory rights which you may have under the Australian Consumer Law and similar State & Territory Laws, subject to the following terms and conditions.

Terms and Conditions:

This warranty is subject to, and conditional upon, the following terms and conditions:

- Subject to the exclusions noted, Climate Technologies warrant the product for the period as prescribed in the table on pages 14 and 15 of this warranty to be free from inherent defects in materials and workmanship for functional and structural components.

- This warranty is only valid if the product is operated and maintained in accordance with the manufacturer's instructions

- The appliance must not be modified or changed in any way.

- Your proof of purchase MUST be produced before free service will be provided.

Warranty – Australia Only

PYROX

- Travelling time and mileage are included in the service within 30km of either your authorised Climate Technologies dealer or service provider's premises. Customers in areas other than the above are responsible for any travelling time and mileage required to carry out warranty repairs.

- The product purchased and subject to this warranty must be installed by a qualified person in the manner prescribed by local & statutory regulations and to the manufacturer's specifications.

- Service within the terms of this warranty will be recognised where Climate Technologies are satisfied that the product or part was supplied within the relevant time limits (prescribed on pages 14 and 15 of this warranty). You are required to keep, and provide Climate Technologies with, proof of purchase and Dealer / Installer information in relation to the product the subject of your warranty claim.

- Product fitness for purpose and overall system design / sizing is solely the responsibility of the dealer / installer and, to the extent permitted by law, Climate Technologies takes no responsibility for, and this warranty is not valid to cover, any loss that is suffered by you as a result directly or indirectly of purchasing a product that is not fit for the purpose you intended or is in any other way inadequate for this purpose. This includes but is not limited to heat load calculations, air flow, system balancing, humidity, water quality etc.

- The product must be installed in an easily and safe accessible area for service. Where appliances are installed in areas not easily and safely accessible, costs will be borne by you for any access equipment required to be utilised by a representative or agent of Climate Technologies, in the event that maintenance of such an appliance is required.

DIY installation Warranty

If the product has been installed DIY or other than by an authorised person, a supply part only warranty will apply. Only parts will be supplied free of charge and then only on the return of the faulty part. In the event that a warranty claim is made to which this provision applies, you will be responsible for all labour charges incurred for the part to be fitted by a qualified person, such person to be appointed by Climate Technologies or one of their authorised dealers. The labour warranty as prescribed in the tables on pages 14 and 15 of this warranty are void where the product in question has not been installed by an authorised person.

Remote Location Warranty

If the product has been installed outside of the Climate Technologies service network, a supply part only warranty will apply. Only parts will be supplied free of charge where the product the subject of the warranty claim was installed further than 30km from the nearest Climate Technologies authorised dealer or service providers premises, and then only on the return of the faulty part. In the event that a warranty claim is made to which this provision applies, you will be responsible for all labour charges incurred for the part to be fitted by a qualified person, such a person to be appointed by Climate Technologies or one of their authorised dealers. The labour warranty prescribed in the tables on pages 14 and 15 of this warranty are void where the product in question has been installed in an area outside the Climate Technologies network (as prescribed above).

Warranty – Australia Only

PYROX

Effect of this Warranty

If you, as the purchaser of a product sold by Climate Technologies, comply with your obligations under this warranty document and a defect exists in a product you have purchased from Climate Technologies, Climate Technologies will, at its sole discretion, repair or replace the defective product (or part of it).

Any remedial work undertaken by Climate Technologies or one of its approved representatives or agents will be conducted at Climate Technologies sole expense, subject to the terms and conditions and exclusions contained in this warranty.

Climate Technologies will not reimburse you for any expense you have incurred in applying for a remedy under this warranty, including, but not limited to, any telephone calls or postage expenses incurred.

Exclusions to warranty

The following are not covered under this warranty, and Climate Technologies takes no responsibility for the replacement or repair of:

- Consumable items which are subject to wear and tear such as filter pads, drive belts, batteries and bearings;
- Any third party components used as part of the installation such as grille filters, ducting, fittings, zone motors and pipe work. These items are warranted from your place of purchase;
- Damage caused by elements such as wind, rain, lighting, floods etc along with power spiking and brownouts which are not considered by Climate Technologies in their sole discretion (acting reasonably) to be defective material or workmanship;
- Damage caused by outside elements such as pests, animals, pets and vermin or similar that may cause damage to the product;
- Harsh environmental situations such as salt air that may cause cabinet damage and/or rusting.

Please be aware that to the extent permitted by law, the manufacturer does not accept liability or any claims for damage to building contents, carpet, walls, ceilings, foundations or any other consequential loss incurred by you or any other person as a result of the purchase or installation of a product from Climate Technologies or by any other means, whether such loss was incurred directly or indirectly. For the avoidance of doubt, damage resulting from power spikes, incorrect operation, incorrect installation, and incorrect maintenance is also not covered under this warranty and such damage is not the responsibility of Climate Technologies.

All warranties contained in this warranty are given for the exclusive benefit of you as the purchaser of a Climate Technologies product and are not transferable and cannot be sold, assigned, gifted or transferred in any other way.

Warranty – Australia Only

PYROX

Events where warranty may be void

In the event that any of the following occur, this warranty may be void, and Climate Technologies reserves the right to refuse to repair or replace a defective product in accordance with a term of this warranty, where:

- There is no certificate of compliance for plumbing, electrical or refrigeration as required by State & Territory Laws;
- The product operates defectively due to failure of electricity, gas, water or refrigerant gas supplied;
- The defect is caused by neglect, incorrect application, abuse or by accidental damage to the product;
- An unauthorised person has attempted to repair the appliance;
- A situation arises which is referenced in the trouble-shooting guide (because you as the purchaser are required to remedy such a situation yourself).

Please note that a charge will be made for work done or a service call made where the Climate Technologies authorised representative or agent determines at his/her sole discretion (acting reasonably) that there is nothing wrong with the product in question.

Australian Consumer Law disclaimer

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

Warranty – Australia Only

PYROX

PROOF OF PURCHASE

It is important that the name of the Dealer or Retailer from whom you purchased your product and the name of the installer are recorded on this page. The installer is responsible for the correct installation, start up and demonstrating the operation of this product. The Dealer or retailer is also responsible for issuing the relevant Certificates of Compliance (these may differ from state to state).

Please attach your proof of purchase here. Your receipt, along with the terms of this document is your warranty and will be required to validate any claim made under the terms of this warranty.

Dealer/Retailer:	
Dealer Address:	
Dealer Phone Number:	
Unit Model Number:	
Serial No:	
Date installed:	
Installed by:	
Date Commissioned:	
Commissioned by:	**Signature:**

Warranty – Australia Only

PYROX

HOW TO EXERCISE YOUR RIGHTS UNDER THIS WARRANTY

Only qualified service personnel should conduct any service work carried out on the Climate Technologies product. It is important that periodical service is carried out on your product to ensure you will receive the efficiency benefits the product provides.

If you acquire a product or service from Climate Technologies which is defective, please contact your nearest Climate Technologies representative on the phone numbers or emails listed below, or contact your nearest Climate Technologies Service Provider. Please note you will be required to show proof of your purchase, and comply with the terms and conditions and all other applicable provisions of this warranty in order for Climate Technologies to proceed with the remedial action prescribed under this warranty.

For service in metropolitan areas, ring the telephone numbers or send an email to the addresses below:

South Australia	1300 665 087	Email: saservice@climtech.com.au
New South Wales	1300 665 087	Email: nswservice@climtech.com.au
Queensland	1300 665 087	Email: nswservice@climtech.com.au
Australian Capital Territory	1300 665 087	Email: nswservice@climtech.com.au
Western Australia	1300 665 087	Email: waservice@climtech.com.au
Victoria/Tasmania	(03) 8795 2456	Email: vicservice@climtech.com.au
Mobile Callers all states	(03) 8795 2456	

For service outside of metropolitan areas, please contact your nearest Climate Technologies Service Provider as shown below:

Western Australia	1300 668 742	Email: waservice@climtech.com.au
All other states	Locate your nearest Service Provider on our website	http://www.bonaire.com.au/support/service/default.aspx

Warranty – Australia Only

PYROX

PERIODS OF WARRANTY – Years By Product And Application:

Ducted Gas Heating

Unit Components	RESIDENTIAL		COMMERCIAL	
	Parts	Labour	Parts	Labour
Heat Exchanger	10	3	2	2
Burner	10	3	2	2
**All other components	3	3	1	1

** Excluding consumables and third party supplied components, which are not covered by this warranty.

Ducted Reverse Cycle Air Conditioning

Unit Components	RESIDENTIAL		COMMERCIAL	
	Parts	Labour	Parts	Labour
Compressor	5	5	2	2
**All other components	5	5	2	2

** Excluding consumables and third party supplied components, which are not covered by this warranty.

Dual Cycle Refrigerated Air Conditioning

Unit Components	RESIDENTIAL		COMMERCIAL	
	Parts	Labour	Parts	Labour
Compressor	5	5	2	2
** All other components	5	5	2	2

** Excluding consumables and third party supplied components, which are not covered by this warranty.

Ducted Evaporative Air Conditioning - Domestic

Unit Components	RESIDENTIAL		COMMERCIAL	
	Parts	Labour	Parts	Labour
Corrosion on Cabinet	25	3	2	2
Structural Guarantee	10	3	2	2
** All other components	3	3	1	1

** Excluding consumables and third party supplied components, which are not covered by this warranty.

Ducted Evaporative Air Conditioning –Commercial Industrial

Unit Components	Parts	Labour
Corrosion on Cabinet	2	2
Structural Guarantee	2	2
** All other components	2	2

** Excluding consumables and third party supplied components, which are not covered by this warranty.

Warranty – Australia Only

PYROX

Space Heater - Wall Furnace

Unit Components	RESIDENTIAL		COMMERCIAL	
	Parts	Labour	Parts	Labour
Heat Exchanger	10	2	2	2
Burner	10	2	2	2
All other components	2	2	1	1

Space Heater - Heritage

Unit Components	RESIDENTIAL		COMMERCIAL	
	Parts	Labour	Parts	Labour
Heat Exchanger & Burner	10	1	1	1
Blower (Fan)	2	2	1	1
All other components	1	1	1	1

Space Heater - Executive

Unit Components	RESIDENTIAL		COMMERCIAL	
	Parts	Labour	Parts	Labour
Heat Exchanger & Burner	5	5	1	1
Blower (Fan)	2	2	1	1
All other components	1	1	1	1

Warranty on Replacement Parts

Parts replaced under warranty are warranted for the balance of the original warranty period.

Aged New Product Warranties

The terms of this Standard Warranty apply where the product is purchased and installed by the original purchaser within 3 years of the manufacturing date. To the extent permitted by law where, for whatever reason, a product is not installed within a period of 3 years of the manufacturing date of that product then the following warranty conditions will apply:

- For a product that is installed more than 3 years but less than 5 years from the date of its manufacture, the statutory warranties under the Australian Consumer Law or any other applicable legislation will apply and any voluntary warranty originally supplied by Climate Technologies under the terms of this warranty will be reduced by 1 year.
- To the extent permitted by law, for a product that is installed more than 5 years from the date of its manufacture, the statutory warranties under the Australian Consumer Law or any other applicable legislation will apply to electrically functioning components only. No other components will be covered by either this warranty or any warranty provided under the Australian Consumer Law or any other applicable legislation.
- For the avoidance of doubt, where a product is installed more than 5 years from the date of manufacture, no voluntary warranty originally supplied will be valid and Climate Technologies will not be responsible for the repair or replacement of the product, unless required to be pursuant to the Australian Consumer Law or similar applicable legislation.

"Excelling today for a better tomorrow"

Manufactured by
Climate Technologies
ABN 13 001 418 042
26 Nylex Avenue
Salisbury, SA 5108
Australia

www.climatetechnologies.com.au